

# MONTGOMERY WARD



## Heating and Air Conditioning

1962 CATALOG



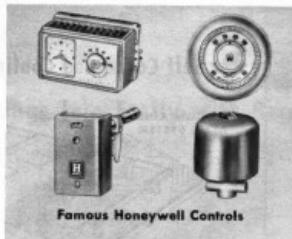
Hydronic Heating Systems



Central Air Conditioners



Automatic Furnaces



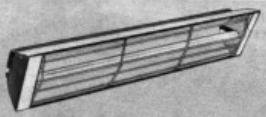
Famous Honeywell Controls



New Wall Heaters

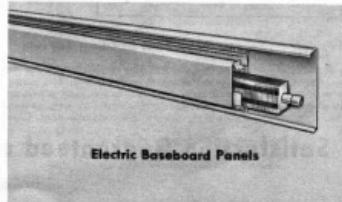


New Incinerator



New Infra-Red Heaters

Look to   
FOR THE LATEST IN  
MODERN EQUIPMENT



Electric Baseboard Panels

MONTGOMERY WARD

Baltimore 32, Md. • Albany 1, N. Y.

# Enjoy The Comfort of Forced Air Heating and

FAMOUS MAKER QUALITY AT WARDS LOW PRICES . . . DO IT



## Fairway Forced Air Heating

**Comfortable, Even Warmth throughout Your House**—Wards offers a complete selection of top quality furnaces to meet your exact needs. Choose from the many Gas and Oil models on the following two pages. Wards Top Quality furnaces are completely new in design and improved in performance to further assure you of "More Quality for Less."

**Honeywell Control System**—Famous Minneapolis-Honeywell controls on Fairway furnaces assure exact temperature regulation in every room or area in your house. For a complete selection of Honeywell thermometers, for new or replacement use, see Page 23.

**Uniform Humidity**—Finest Fairway automatic humidifiers end dryness, give fresh, healthful air. Clean, Filtered Air—Large filters trap dust, dirt and pollen . . . keep air clean and healthy. Draft-free Circulated Air—Overblown blower automatically moves warm air without drafts.

**Simplified Installation . . . Do It Yourself and Save**. Clear, detailed instructions included with each furnace . . . make installation easy . . . you save on costly installation services. Wards offers an extensive selection of pipe and fittings to let you install a complete heating system. Should you need any help or advice, use Wards Customer Engineering Service—see Back Cover.

**AGA Approved Gas Furnaces . . . UL Approved Oil Furnaces**—Fairway furnaces meet or exceed the highest standards of the heating industry for outstanding performance, trouble-free service and easy care. Wards guarantees your complete satisfaction or your money back.

## Fairway Air Conditioning Gives You . . .

**Sea-Breeze Coolness All Summer**—Enjoy the luxury and comfort of an air cooled house. Wards offers a cooling unit for any type home . . . any type installation. Choose Remote or Self-Contained units on Pages 7 and 8 or the all-new "ready-to-install" Air Conditioning System on Page 9. You'll find the finest quality in Fairway air conditioning equipment and accessories.

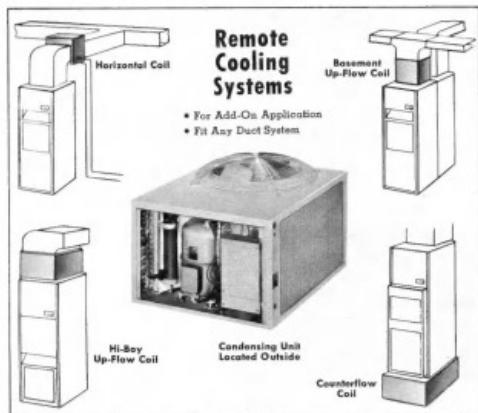
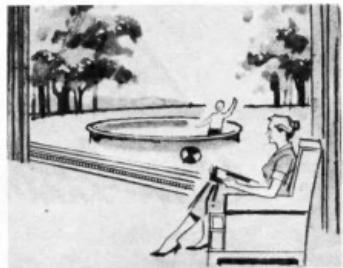
**Relaxed Living Day and Night**—Plan now to avoid summer's hot, muggy weather. You'll work better . . . sleep better . . . enjoy life more in an air conditioned house.

**Controlled Coolness**—Minneapolis-Honeywell controls let you select the exact amount of cool air you want . . . never any unpleasant cold drafts . . . controlled comfort always.

**Full Capacity . . . Extra-Heavy-Duty Compressor**—Powered by refrigerant-cooled heavy-duty motor—Guaranteed 5 Years. All units tested and rated on specified by A.R.L. (American Refrigeration Institute) . . . and Wards Laboratories for unexcelled performance . . . operation . . . easy care—your assurance of finest quality and efficient, trouble-free service.

**Rugged, Weatherproof Construction**—Cabinets of heavy bonded steel prevent rusting . . . finished with corrosion-resistant epoxy primer and top coated with long lasting baked enamel.

**Simplified Installation**—Save time and labor . . . do it yourself. The new "ready-to-install" Fairway Air Conditioning System on Page 9 presents the easiest . . . most convenient method of air conditioning installation—just set in place . . . connect with quick-connectors and your system is ready to use. All Fairway units come with clear, easy-to-follow instructions.



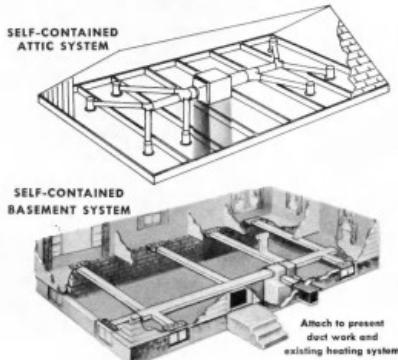
### Free Estimating Service

Send for Wards Heating and Air Conditioning Estimate Blank—obtain complete information for any type heating system or air conditioning unit free. For information and handy coupon, see Back Cover.

### Free Tool Lending Service

Wards will lend you at No Charge the tools needed to install your system. You make a small deposit which is returned when tools are returned in 60 days. Pay only one-way shipping charges. See details Back Cover.

## Self Contained Cooling Systems

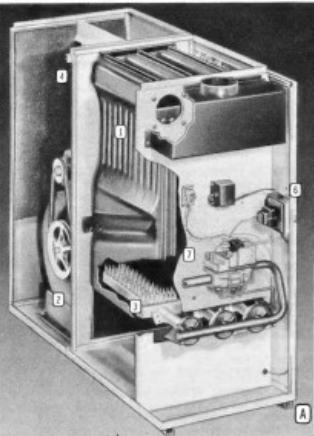


### Easy Terms . . . No Money Down

Improve your home now . . . pay later . . . with Wards special Home Improvement terms. No down payment required and you have up to 36 months to pay balance. See Back Cover for complete information.

**Satisfaction Guaranteed or Your Money Back**

# fairway AUTOMATIC Forced Air Furnaces



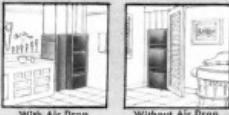
**Guaranteed  
15 Years**

**Best  
Basement  
Lowboy**  
**\$259.00**  
\$19.50 Month



**Best  
Compact  
Highboy**  
**\$198.00**  
\$7.50  
Mo.

For Basement or Closet Installation



**15-YEAR GUARANTEE** on Furnaces (A), (B), (E). We will repair or replace without charge, within one year of purchase, any furnace part defective in material or workmanship. We further guarantee heat exchanger which is part of the burner assembly, will be replaced free of charge during following 14 years, we will replace it at 1/10th price of replacement exchanger for each full year furnace has been in your possession.

## Value Leader Gas Furnaces . . . with Many Features of Our Best

- Low-and Highboy Models
- Steel Heat Exchangers

**Lowboy . . . Ideal for Basement**

Installation. Designed for front venting. Can be installed where overhead clearance is limited. Sizes meet most residential needs. "Flame-shaped" combustion chamber for maximum heat extraction and economy of operation. Blue and gray baked-on enamel finish. Adaptable to all conditioning.

**Highboy . . . Extremely Compact and Versatile.** May be installed in closets, utility rooms, or basements to conserve space. Sizes meet most domestic home needs. Dark gray baked-on enamel finish. "Flame-shaped" combustion chamber gives more heat extraction.

**10-YEAR GUARANTEE** on (D), (E), (G). We will repair or replace without charge, within 1 year of purchase, any furnace part defective in material, workmanship, if heat exchanger burns or rusts out during following 9 years, we replace it at 1/10th the price of replacement exchanger for each full year heater has been in your possession.

## Best Gas Furnaces . . . 7 Ways Better

**1. Coated Heat Exchanger**—Porcelain fused to steel inside and out for extra protection—eliminates burnouts, protects against corrosive flue gases and rust from condensation during summer months.

**2. Cushion-Mounted Blower**—"Live" rubber isolates blower and motor assembly from chassis . . . Capacity for heating and cooling.

**3. Cast-Iron Burners**—Noiseless operation; eliminates warping.

**4. Extra-large Capacity Filters** for effective cleaning of circulated air . . . aid in removing dirt, dust, lint and pollen from the air.

**5. Beautifully Styled Cabinet**—Bonderized steel. Baked enamel finish.

**6. Summer Fan Switch**. A flick of this switch gives constant blower operation . . . no need to disturb winter control settings.

**7. Complete Minneapolis-Honeywell Control System**—Matched and synchronized. For thermostat see "Honeywell Thermostats" below.

**A. Basement Lowboy** ideal space-saver replacement unit. Auto. limit control protects against overheating. Adapts to air conditioning. Adjustable belt drive multivane blower. AGA Appr. 2 small units use 5-in. vent others 6-in.

**B. Compact Highboy** ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V-belt" drive, multi-vaned blower. Use 6-in. vent pipe.

**C. Compact Highboy** ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V-belt" drive, multi-vaned blower. Use 6-in. vent pipe.

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**E. Compact Highboy** ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V-belt" drive, multi-vaned blower. Use 6-in. vent pipe.

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**G. Compact Highboy** ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V-belt" drive, multi-vaned blower. Use 6-in. vent pipe.

**H. Compact Highboy** ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V-belt" drive, multi-vaned blower. Use 6-in. vent pipe.

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**J. Compact Highboy** ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V-belt" drive, multi-vaned blower. Use 6-in. vent pipe.

**K. Compact Highboy** ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V-belt" drive, multi-vaned blower. Use 6-in. vent pipe.

**L. Compact Highboy** ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V-belt" drive, multi-vaned blower. Use 6-in. vent pipe.

**M. Compact Highboy** ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V-belt" drive, multi-vaned blower. Use 6-in. vent pipe.

**N. Compact Highboy** ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V-belt" drive, multi-vaned blower. Use 6-in. vent pipe.

**O. Compact Highboy** ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V-belt" drive, multi-vaned blower. Use 6-in. vent pipe.

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**R. Compact Highboy** ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V-belt" drive, multi-vaned blower. Use 6-in. vent pipe.

**S. Compact Highboy** ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V-belt" drive, multi-vaned blower. Use 6-in. vent pipe.

**T. Compact Highboy** ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V-belt" drive, multi-vaned blower. Use 6-in. vent pipe.

**U. Compact Highboy** ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V-belt" drive, multi-vaned blower. Use 6-in. vent pipe.

**V. Compact Highboy** ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V-belt" drive, multi-vaned blower. Use 6-in. vent pipe.

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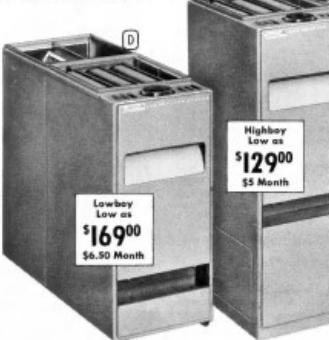
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\*"R" after Cat. No. means Shipped promptly from Mail Order House Stock. \*\*F" from Chicago Factory; allow 10 days.

# COMPARE QUALITY, DESIGN, PRICE...WHY PAY MORE?

## Best Oil Furnaces Guaranteed 15 Years

- Honeywell Control System—Matched and synchronized ... for thermostat see Page 23
- Oil Burner—High-pressure type for ease of maintenance and efficient operation
- Combustion Chamber—High heat-resistant chromium alloy and stainless steel
- Heavy-Duty Blower Motor—Overload protection ... Extra-quiet—mounted in rubber
- Wrap-Around Radiator—Extracts more heat from fuel gases for lowest fuel bills
- Insulated Cabinet—Aluminum foil-faced corrugated asbestos allows installation near combustible materials ... Two-tone blue and gray baked-on enamel finish
- Air Conditioning Capacity—Multi-speed blower; "V" belt drive. Adjust. air speed
- Air-Tight Steel Base seals out unfiltered basement air from distribution system

**F Basement Lowboy with Steel Heat Exchanger.** Compact ... especially designed for installations with low overhead clearance requiring large heating capacity. Automatic Honeywell controls fully enclosed. Beautifully styled. Two larger sizes shipped from New Castle, Del. Factory allow 10 days. Others promptly from Stock.

Cat. No.	BTU Input	Nozzle Size	Blower	Flue Size	Casing Size	Openings Wards				Ship. wt.	Cash Price		
						In.	H	W	D	L	W		
B1HC6176R	105,000	.75	1/6	960	6	42	21 1/2	49	30	20	14 1/2	20	355 \$327.00
B1HC6177R	150,000	1.00	1/4	1100	6	42	25 1/2	57 1/2	23	23	20	23	360 \$47.00
B1HC6178R	180,000	1.25	1/4	1250	7	52	25 1/2	57 1/2	21	21	21	18	375 \$520.00
B1HC6180R	200,000	1.50	1/4	1500	7	52	25 1/2	57 1/2	21	21	18	21	380 \$478.00

**G Up-Flow or Highboy with Steel Heat Exchanger.** Extremely compact. Ideal for utility room, closet or clove installations. Automatic Honeywell controls fully enclosed—gives pleasing appearance. Shipped promptly from Stock.

Cat. No.	BTU Input	Nozzle Size	Blower	Flue Size	Casing Size	Openings Wards				Ship. wt.	Cash Price	
						In.	H	W	D	L	W	
B1HC6186R	105,000	.75	1/6	960	6	62	21 1/2	49	32	20	18	330 \$319.00
B1HC6188R	140,000	1.00	1/4	1100	6	62	25 1/2	57 1/2	23	23	18	390 \$478.00

## Value Leader Oil Furnaces . . . Guaranteed 10 Years

- Functional styling and reasonable price for the economy-minded buyer
- Beautiful Dark Gray Finish—Blends easily in room color scheme
- Shipped completely wired and assembled including oil burner and controls
- Direct Drive Blower—Air conditioning capacity for 2 1/2-HP Unit
- Gas-type Hi-pressure Oil Burner ... 14-gauge Wrap-around heat exchanger
- Honeywell Controls—Matched and synchronized ... for thermostat see Page 23

### Lowboy and Highboy Models . . . Steel Heat Exchangers

**H Compact, Attractive Lowboy Furnace.** Suited to installations with low overhead clearance. Surdy steel casing. Completely automatic Honeywell controls. Removable front panel, electrical covers, hinged service door for easy cleaning, adjustment. Insulated cabinet—heat exchanger mounted on top. Provides extra heating surface, long flue travel, Input 105,000; Output 84,000; Nozzle size .75; Blower motor HP 1/6; Blower diameter 9 in.; CFM 960. Overall (inches) H 42, W 22 1/2, D 39 1/2; Air openings In.: Warm 20x20; Return 20x14 1/2; Flue pipe size 6 in. From Stock. B1 HC 6175 R—Shipping weight 335 lbs. See Guarantee opposite page. Cash \$247.00

**J Extremely Compact Highboy Furnace.** Ideal for utility room, closet or clove. Automatic controls and operation. Removable front panel, cleanout cover, hinged service door for easy cleaning and adjustment. Large round radiator provides extra heating surface, long flue travel. Insulated cabinet—heavy corrugated asbestos insulation with aluminum foil facing prevents heat loss. Direct drive blower motor, BTU per hour input 105,000; Output 84,000; Nozzle size .75; Blower motor HP 1/6; Blower diameter 9 in.; CFM 960; Overall (in.) H 62, W 22 1/2, D 31 1/2; Air Openings In.: Warm 20x20; Return 18x18; Flue pipe size 6 in. From Stock. B1 HC 6185 R—Shipping weight 325 lbs. See Guarantee opposite page. Cash \$299.00

## Fairway Steel Coal-Fired Gravity Furnaces . . . Guaranteed 15 Years

**K** One-piece Fire Chamber. Heavy body with full-length integral pouch ... extra-heavy head. Firebrick fire pot 1/2 in. thick—dripless grates permit free circulation of air. Cast-iron connecting collar design prevents leakage of gas and smoke into the warm-air chamber. Complete with hand regulator dial; chain; pulley; cement poker; check draft; cast-iron water jacket; and ash pit. Furnace can be easily converted to automatic firing, forced air circulation or both. Order thermostat separately—see Page 23. Shipped promptly from Stock.

**(K) Pipe-type.** Casing height 66 in. Order pipe and register system Pages 10, 11.

Catalog Number	Body Diam.	Casing Diam.	Room Capacity	Type Amt. of Gross Geyser System	Pipe	Smoke Pipes	Ship. wt.	Cash Price
B1 HC 5511R	20 in.	41 in.	Up to 6	458 sq. in.	8 in.	669 lbs.	163.00	\$163.00
B1 HC 5512R	22 in.	43 in.	Up to 7	537 sq. in.	9 in.	756 lbs.	183.00	\$183.00
B1 HC 5513R	24 in.	45 in.	6 to 8	647 sq. in.	9 in.	815 lbs.	198.00	\$198.00
B1 HC 5514R	27 in.	49 in.	7 to 9	790 sq. in.	9 in.	1007 lbs.	258.00	\$258.00

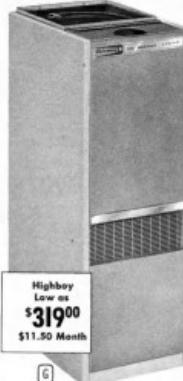
**(L) Pipe-type.** Furnace extension for single registers in first floor only. Registers included.

Catalog Number	Body Diam.	Floor Register	Casing Diam.	Room Capacity	Register Rating	Smoke Pipes	Ship. wt.	Cash Price
B1 HC 5516R	20 in.	36x30 in.	45 in.	Up to 6	62,300 BTU	8 in.	818 lbs.	\$223.00
B1 HC 5517R	22 in.	38x32 in.	48 in.	5 to 7	75,700 BTU	9 in.	914 lbs.	\$245.00
B1 HC 5518R	24 in.	34x34 in.	51 in.	6 to 8	88,000 BTU	9 in.	994 lbs.	\$275.00

No Money Down—Up to  
3 Years to Pay . . . See Page 24  
See 15-Year Guarantee, Opp. Page



**Lowboy**  
Low as  
**\$327.00**  
\$11.50 Month



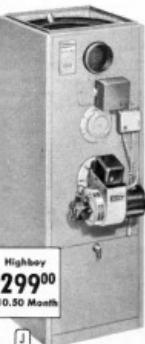
**Highboy**  
Low as  
**\$319.00**  
\$11.50 Month

### INSTALL IT YOURSELF . . . OR LET WARDS DO IT

No special experience is needed to install Wards heating equipment. Clear, step-by-step instructions are included with each unit. If you need tools, Wards will lend them to you (see back cover). If you prefer to have it done, we can arrange for expert installation . . . visit your nearest Ward store for this service.



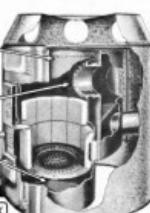
**Lowboy**  
**\$247.00**  
\$9 Month



**Highboy**  
**\$299.00**  
\$10.50 Month

### Check Outstanding Features

- Rivet-Weld Construction—Heavy 26-gauge boilerplate steel sheets riveted and electrically welded
- Cast-Iron Collar joins furnace body and radiator securely
- Extra large ash pit more convenient—requires less frequent removal



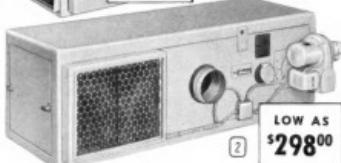
(K), (L) GUARANTEED 15 YRS. If any metal part (except grates) burns out due to defect in materials, workmanship, Wards furnish new part at no charge. Add 10% of current selling price based on unexpired portion of Guarantee.

Low as **163.00**

CBAZ WARD'S 5

# Fairway Horizontal Forced Air Furnaces

SPACE-SAVING COMPACT DESIGN... GUARANTEED 10 YEARS



**① ② Ideal for Small Area Installation.** Double width, double inlet centrifugal blower. 110-120 V., 60-cyc. AC. Humidifiers not included—see below right. Oil furnace not recommended for attic installation. 60,000 BTU, 100,000 BTU, 105,000 BTU models have permanent split capacitor direct-drive motor—no changes necessary for air conditioning; others have split-phase belt-drive blower. See complete details of 10-year Guarantee on Page 4.

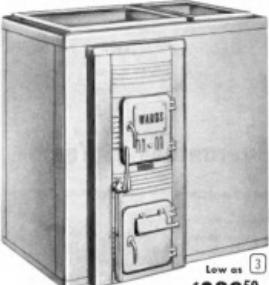
(1) **Gas Furnaces.** Only 23½ in. high. End openings for return and warm air. Includes automatic fan and limit control; room thermostat; 100% automatic safety pilot; gas control valve; hand shut-off cock; draft diverter. Gas pipe connection ½ in. Vent pipe sizes: 80,000 and 100,000 BTU—6 in.; 135,000 BTU—6 in.—see Page 19. Dual-Fuel models not available. Promptly from Baltimore Stock.

For LPG ONLY	NATURAL MIXED GAS Cyl. No.	BTU per hour	Blow- er	Casing Size, In.	Air Openings,	Blower	Ship. Wt. Lbs.	Per Month	Cash Price		
		Input	Output	HP	L W H	In.	CFM	Lbs.			
B1HC648R7	B1HC647R7	80,000	64,000	¾	48½" x 18½"	20 x 15	9	790	244	\$7.50	<b>\$207.50</b>
B1HC648R7	B1HC647R7	100,000	80,000	¾	48½" x 18½"	20 x 15	9	990	244	\$7.50	<b>\$207.50</b>
B1HC648R7	B1HC647R7	135,000	108,000	¾	56½" x 21½"	20 x 19½	13½	1310	312	10.00	<b>\$277.50</b>

(2) **Oil Furnaces.** Overload protection. Includes fan and limit control; room thermostat; automatic barometric draft regulator; safety switch. Pipe sizes: 100,000 BTU—6 in.; others 8 in. Assembled and wired at factory; oil burner shipped in separate package. "RT" means from Bolt, Stock.

Catalog No.	BTU per hour	Noz. Size, In.	Blow- er	Cabinet Size, In.	Air Openings,	Blower	Ship. Wt. Lbs.	Per Month	Cash Price	
		Input	Output	HP	L W H	In.	CFM	Lbs.		
B1HC160R7	100,000	1.00	¾	56½" x 21½"	27 x 25 x 23	10½" x 23	100	288	\$10.50	<b>\$298.00</b>
B1HC160R7	140,000	10,000	¾	56½" x 21½"	27 x 25 x 23	10½" x 23	100	373	\$10.50	<b>\$358.00</b>
B1HC160R7	161,000	12,500	1.15	56½" x 21½"	27 x 25 x 23	10½" x 23	100	380	16.50	<b>\$459.50</b>

## Fairway Steel Forced Air Coal Furnaces



**Guaranteed 15 Years**—see below. Automatic temperature controls. Baked enamel steel cabinet. Cast-iron doors and front, 1-piece welded and riveted steel fire chamber. Roller bearing cast iron grates. Blower and motor are rubber mounted. Has adjustable blower speed and belt tension. Can be converted to stoker, gas or oil. Order humidifier at right.

Complete with thermostat fan control; automatic check damper and limit control; cement poker; barometric draft control; instructions. For 110-120 volt, 60-cycle AC. Automatic overload protection. Casing is 56 in. high—except largest size which is 58 in. high. Smoke pipe size is 9 in.—except smallest size is 8 in. See Page 19. Shipped unassembled.

**GUARANTEE:** Furnace is Guaranteed 15 Years. If any metal part (except grate) burns out due to defect in materials or workmanship, Wards will furnish a new part charging proportionate amount of current selling price based on unexpired portion of guarantee period.

**Low as \$329.50**

Catalog No.	Body Diam., In.	Casing Size, In.	Room Capacity, In.	Built-in Filter, In.	Filters, Size, In.	Size Openings, In.	BTU Output, per hour	Ship. Wt. Lbs.	Per Month	Cash Price	
				HP	CFM	W x H x D					
B1HC601R7	20	53x36	To 6	1.00	1300	2 x 18½" x 25	17x30	908	\$11.50	<b>\$259.50</b>	
B1HC601R7	22	55x36	7 to 8	1.00	1300	2 x 20x20	17x30	11,000	1004	13.00	<b>\$359.50</b>
B1HC601R7	24	61x43	7 to 8	1½	1800	2 x 20x20	33x37	13,100	1089	14.00	<b>\$389.50</b>
B1HC601R7	27	68x48	8 to 10	1½	2000	2 x 20x20	40x42	16,400	1311	16.00	<b>\$459.50</b>

See Back Cover for information on Wards Easy Home Improvement Terms and Tool Loan Service. Find out how you can shop from the comfort of your home by calling your nearest Wards Catalog Store.

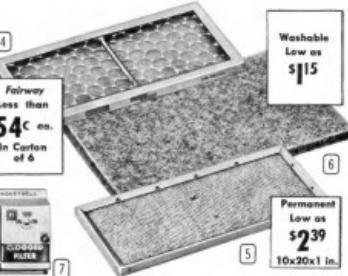
**6 WARDS RA**

## Gas Furnaces

- Heavy 16-gauge steel heat exchanger and combustion chamber electro-welded into one piece
- Efficient, quiet, cast-iron slotted port gas burner
- Approved by American Gas Assn.
- Approved for installation on combustible floors—furnace needs no sub-base

## Oil Furnaces

- High-pressure gun-type burner gives maximum efficiency
- "Wrap-around" radiator provides large heat transfer surface for greater economy
- Finest quality unbreakable combustion chamber
- UL Approved for installation with 1-in. clearance on sides and rear from combustible material



## Furnace Filters Give Healthier Air

**Fairway Replacement Air Filters**—Buy Six and Save More. Trap Fiberglass filters out dust and lint. Trap dirt all through filter—not just on the surface. For forced warm air heating and air conditioning systems. Greater density of filtering media means greater dirt-catching power. Moldable.

Catalog No.	Size	Ship. wt. Lbs.	Price	Carton of 3	Carton of 6
B1 HC 8428 M	10x20x1	3	\$1.79	5 lbs.	\$3.19
B1 HC 8428 M	12x20x1	4	1.99	6 lbs.	3.59
B1 HC 8428 M	14x25x1	4	1.99	7½ lbs.	3.59
B1 HC 8489 M	15x20x1	3½	1.99	7½ lbs.	3.59
B1 HC 8490 M	16x20x1	3½	1.99	6½ lbs.	3.59
B1 HC 8491 M	16x25x1	4½	1.99	6½ lbs.	3.59
B1 HC 8492 M	18x25x1	4½	1.99	8 lbs.	3.89
B1 HC 8483 M	20x25x1	5	2.19	10½ lbs.	4.39
B1 HC 8494 M	22x25x1	5½	2.49	10½ lbs.	5.59
B1 HC 8485 M	16x20x2	4½	3.09	6½ lbs.	5.59
B1 HC 8486 M	18x25x2	5½	3.09	8½ lbs.	5.59
B1 HC 8487 M	20x25x2	6½	3.09	10½ lbs.	6.29
B1 HC 8488 M	20x25x2	6½	3.09	10½ lbs.	6.29

**Permanent Aluminum Filters.** Save on replacement—use same filter for years. Completely washable...or vacuum clean. Double layers of knitted aluminum mesh. Scott-form in strong enameled steel frame—allows full air passage.

Catalog No.	Size	Ship. wt.	Each
B1 HC 8454	10x20x1 in.	2 lbs.	<b>\$2.39</b>
B1 HC 8455	13x20x1 in.	2 lbs.	<b>2.39</b>
B1 HC 8456	16x20x1 in.	2 lbs.	<b>2.39</b>
B1 HC 8457 M	18x25x1 in.	2 lbs.	<b>2.89</b>
B1 HC 8458 M	20x20x1 in.	2 lbs.	<b>2.89</b>
B1 HC 8459	20x25x1 in.	3 lbs.	<b>3.39</b>

**Washable Filters.** Each fiber coated with Neoprene rubber. No oil necessary. Clean by shaking or wash with hot water. Easily cut to size. Ship. wt. 1 lb. B1HC8516-16x25x1 in. **\$1.15** B1HC8517-20x25x1 in. **\$1.60**

**Furnace Filter Flag.** Indicates when filters need cleaning or replacing. For any forced warm air furnace. Postpd. B1 HC 8719—Easily installed on blower cabinet. **\$1.95**



## Furnace Humidifiers and Plates

**Wards Finest Temperature-Controlled Humidifier.** No float needed—water valve opens, closes automatically. Thermostatic valve keeps constant level of water in stainless steel pan. Fits any bonnet 17 in. or larger. 4 fiber glass plates; overflow; 5 ft. copper tubing; saddle valve; instructions. B1 HC 8497—Shipping weight 5 lbs. .... Complete **\$9.95**

**Replacement Plates for Wards Humidifier (8).** Fiber glass. B1 HC 8498—3½x29 in. Ship. wt. 1 lb. .... Package of 4 **\$1.75**

**Wet Wing Pratice-5 Float-Type Humidifier.** Compact—it fits all warm air furnaces. Large plate area. Holds up to 15 plates. Easily removed. Includes 5 evaporator plates; 5-ft. copper tubing; saddle valve; instructions. B1 HC 8425—Shipping weight 6 lbs. **8.00**

**Replacement Plates for Wet Wing Humidifier (9).** B1 HC 8426—Package of 10. Mailed Postpaid. .... **\$2.89**

**Skuttle Universal "Vapoglass" Humidifier Plates.** 100% pure glass. Fit Auto-Flo 105, 150; General 200; Viking 2300, 5600; Wet Wing W-5; Duct 5; Mcrid 'O' Mist; Pratice 5; Chor-Gale; Skuttle 937A, 937A; all Skuttle except 450.

B1 HC 8429—Can be trimmed. Postpd. .... Package of 10 **\$3.59**

**Shipping Notice:** "R" after Cat. No. means Not Mailable. Shipped by Freight, Truck or Express. "M" is Mailable.

# Two-Piece Remote Air Conditioners

MAXIMUM CAPACITY . . . MORE FLEXIBILITY . . . QUIETER OPERATION

**Fairway Air Cooled Central Air Conditioners.** Made by a leading manufacturer of air conditioning equipment. All carry ARI® rating. Can be used in your present warm air furnace duct work, or separate runs may be installed. There's a Ward system to suit your needs. Wards Customer Engineering Department will help you—see Back Cover for details.

**Quieter, More Economical Operation** with remote-type air conditioners since condenser is located outside main building. Copper tubing used to connect condenser (outside) to cooling coil in duct work of furnace. Copper tubing, fittings listed on Page 22.

**Expansion Valve in Fairway Air Conditioners Serves as Mastering Device**—insures equal distribution of refrigerant to cooling coil. Unit performs at maximum rated efficiency under changing outdoor temperatures. Superior to "capillary tube" systems offered by others.

**Waste Heat from Condensing Unit is Forced Upward** to prevent killing of grass or plants.

**Guaranteed 5 Years.** All parts of Fairway refrigeration cycle will be replaced Free if defective in materials, workmanship. 1-Yr. Guar. on all electrical parts—replaced Free if defective.

## Remote Cooling Equipment Selection Guide

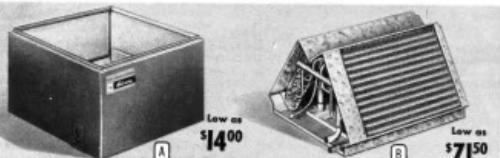
Chart below contains information for selecting a complete Remote System which consists of two parts—(a condenser and a cooling coil) or (a condenser and a blower-cooling coil combination). If it doubt, write Wards Customer Engineering Dept. for proper size.

**How to Use Guide.** From column 1, select the capacity you require. From Column 2, order the condenser. If you use your present furnace, choose coil from Columns 3, 4 or 5. For separate duct system or for a suspended "Free Blow" application, order blower-coil unit, Col. 6.

		Matching Cooling Units (Select one only or (2) units where indicated)		
		Cooling Coil Only		
		Upflow Coil	Downflow Coil	Horizontal Coil
		Col. 3	Col. 4	Col. 5
		Col. 3	Col. 4	Col. 5
Col. 1	Col. 2			
32,000	81HC5604RT	81HC5633RT	81HC5634RT	81HC5624RT
36,000	81HC5604RT	81HC5634RT	81HC5624RT	81HC5624RT
48,000	81HC5606RT	81HC5634RT	81HC5625RT	81HC5624RT
49,000	81HC5606RT	81HC5634RT	81HC5626RT	81HC5624RT and 81HC5640F
50,000	81HC5608RT	81HC5634RT	81HC5626RT	81HC5624RT
61,010	81HC5608RT	81HC5635RT	81HC5626RT	81HC5624RT and 81HC5640F
62,000	81HC5608RT	(2) 81HC5634RT	(2) 81HC5626RT	81HC5624RT
	81HC5608RT			81HC5648RT and 81HC5640F

Above systems meet ARI® standards. Units use 230 V, 1-phase, 60-cy. current. For 3-phase units order special through Cust. Eng. Dept.—see Back Cover. To convert BTU system cap. to tons cooling, divide BTU by 12,000. Ex.: 36,000 BTU + 12,000 = 3 tons cooling.

\*Air-Conditioning and Refrigeration Institute.



## Upflow Type Cooling Coil and Case

**Easy to Install.** Upflow type cooling coil can be mounted in plenum of furnace . . . makes an attractive installation. Order coil and case separately. Order coil case size that best fits your requirements. See chart below. Coil case must be assembled on job. Use with condensing unit (D) above at right.

(A) Cooling Coil Case Only						(B) Cooling Coil Only					
Catalog Number	Dimensions in.			Wt.	Price	Catalog Number	Dimensions in.			Wt.	Price
	L	W	H				L	W	H	lbs.	
81 HC 5636 RT	22½	21½	14½	22	\$14.00	81 HC 5637 RT	22½	20½	13	40	\$71.50
81 HC 5637 RT	24	25½	14½	25	14.00	81 HC 5634 RT	23½	19	13	35	\$57.50
81 HC 5638 RT	31½	25½	14½	35	14.00	81 HC 5634 RT	23½	19	13	51	\$85.50
81 HC 5639 RT	31½	25	18½	31	24.00	81 HC 5635 RT	30½	23½	14½	72	114.00

\*\*Cdl 81 HC 5633 RT will also fit into Coil Case 81 HC 5637 RT.

## Downflow Cooling Coil and Case

**Ready For Immediate Installation.** Fits directly under counterflow furnace without additional duct work or support required. Refer to Selection Guide table for correct condensing unit to use with these coils.

81 HC 5625 F—31½x21x7 in. Wt. 96 lbs. \$60.50  
81 HC 5626 F—44½x25x17 in. Wt. 136 lbs. 104.50



No Money Down . . . Up to 3 Years to Pay . . . See Back Cover



## Large Capacity Condensing Units

Ideal for extra-large dwellings or in business places where smaller type unit would not handle the cooling load. Zinc-coated steel unit is completely welded inside with coil heads tacked for fast, easy installation. Copper tubing (order separately, see Page 22) carries refrigerant from condenser (outside) to cooling coil in duct work of furnace. Requires no water for cooling purpose. See Remote Cooling Equipment Selection Guide (at left) for the proper size unit to order. Larger units, both air and water cooled, are also up to 15 HP, available by special order through Wards Customer Engineering Department . . . write for specifications and prices. 200 vol., 1-phase, 60 cycle.

Catalog Number	Unit size inches	Shipping Weight	Per Month	Cash Price
81 HC 5604 RT	40	32½	21½	\$17.50
81 HC 5608 RT	45½	32	36½	24.50
81 HC 5608 RT	45½	38½	48½	28.00

## Shipping Notice

"\*\* after Catalog Number means item is shipped promptly from Chicago, Baltimore, Kansas City or Ft. Worth, M.C. Stock; or L.A. Warehouse. \*' means from Richmond, Ind. Factory, allow 2 weeks extra.

## Horizontal Cooling Coils . . . Blowers . . . Grills



**Blower and Cooling Coil Unit.** Can be installed in either Vertical coil or horizontal coil. Separate front cover vibration eliminates furnished. Wide outlet range group on blowers allows with condensers to produce capacity from 32,000 to 60,000 BTU. Use expansion valve that comes with condenser. Write for details on commercial and other applications to Wards Customer Engineering Dept.—See Back Cover. Wt. 320 lbs. 81 HC 5642 RT—48½ in. L, 29½ in. W, 18½ in. H . . . \$249.00

**Horizontal Outlet Plenum and Grill.** Matches 81 MC 5642RT. Required for "Free-Blow" Residential Application. 81 HC 5643 RT—Shipping wt. 37 lbs. . . . \$35.00

**Horizontal Cooling Coil and Case Only.** Suction, liquid lines and drain can be connected from either side. See Selection Guide for matching Condenser. Matches blower units below.

Catalog Number	Dimensions—Inches	Shipping Weight	Cash Price
81 HC 5622 RT	35	12½	\$114.00
81 HC 5623 RT	48½	14	136 lbs. 161.50
81 HC 5624 RT	48½	20	186 lbs. 190.00

**2000 CFM Horizontal Blower Only.** Use with Horizontal Cooling Coil 81 HC 5623RT or 81 HC 5624F. ½ HP motor with adjustable pulley. Size: 27½ in. long, 24½ in. high, 48½ in. wide. 81 HC 5640 F—Shipping wt. 225 lbs. . . . \$152.00

**3000 CFM Horizontal Blower Only.** Same as 81 HC 5640F except has ¾ HP motor for greater capacity. Use with Horizontal Cooling Coil 81 HC 5623RT or 81 HC 5624F. 81 HC 5641F—Wt. 225 lbs. No motor starter required. . . . \$176.00

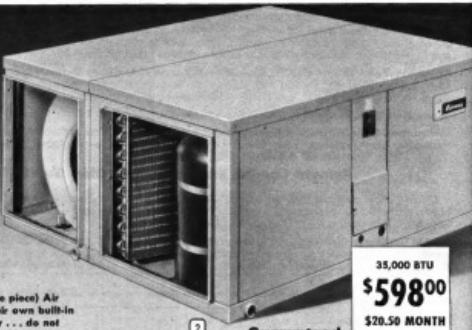
CHASING WARDS 7

# NOW, INSTALL YOUR OWN Fairway

## ONE-PIECE SELF-CONTAINED CENTRAL AIR CONDITIONERS

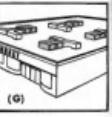
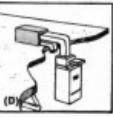
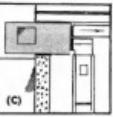
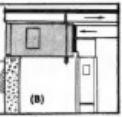
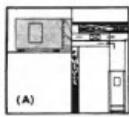


**Guaranteed  
5 Years**



**Self-Contained (one piece) Air Conditioners have their own built-in cooling coil blower... do not require a furnace blower.**

**Guaranteed  
5 Years**



**Mount outside, use present duct system**

**Indoor flush-mount, use present ducts**

**Mount through wall for shop or store**

**Mount on roof for shop or store**

**Carport-mount with ductwork to attic**

**Install in window, shop or factory**

**Use as many as job requires**

### SELF-CONTAINED UNITS HAVE PLUS FEATURES

**All-In-One Unit**—Condenser, cooling coil and blower are factory assembled and ready to operate—just connect to electrical power. Ideal for cooling homes as well as large areas such as shops, banks, markets and factories.

**① Fairway 25,000 BTU, 2-Ton Model**—a low priced central air conditioner for home or business, cools large single areas or from 4 to 6 rooms. Use present warm air duct system to distribute cooled air. Unit completely wired internally. Order number (10) to (13) plus parts. Order number (14) has hermetically sealed condenser and has gray baked-on enamel finish. Two 3/4 in. drain connections and overflow feature in evaporator section. Overall 29 1/2x23 1/2x34 in. deep. Ship. wt. 500 lb. below. Order grill assembly (5) if installed flush through outside wall. For 230 volt, 1-Ph. 60 cyc. 800 CFM evaporator air delivery.

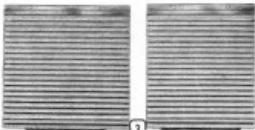
81 HC 5600 RT—Shipping weight 349 lbs. Only \$14.00 Month.... Cash \$398.00

See "Shipping Information" on Opposite Page. For help in selecting correct system for your needs, write Wards Customer Engineering Dept.; see Back Cover.

**Versatile**—Can be connected to new separate duct system or to present warm air ducts. Hermetically sealed for trouble-free operation. Uses outside air instead of water. 5-Year Guarantee on refrigerant system (see details below).

**② Fairway 35,000 BTU, 3-Ton Model** has same fine features as (1) except has larger cooling capacity. Unit will cool large areas or from 5 to 7 rooms. For larger installations, add (1) to (13) plus parts. Order number (14) has hermetically sealed condenser and has gray baked-on enamel finish. Built-in filter-drier removes moisture and acids, checks corrosion. Unit has three 3/4 in. drain connections with overflow feature in evaporator section. Overall 39 3/4x20 1/2x45 1/4 in. Order thermostat (10) to (13) opposite page. Order grill separately below. 1100 CFM evaporator air delivery. For 230 volt, 1-Ph. 60 cycle. See 5-Year Guarantee below.

81 HC 5610RT—Shipping weight 500 lbs. Only \$20.50 Month.... Cash \$598.00



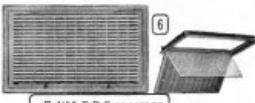
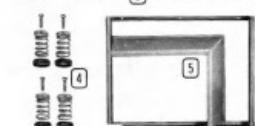
### Grills and Springs for Air Conditioners

**③ Protective Grills**—Necessary for self-contained central air conditioner (2) above when installed outside. Consists of two heavy metal grills which fit blower inlet section and evaporator section... protect evaporator coil. Permanent louvers keep out rain. Protective wire mesh on inside keeps out birds and insects. Mail 81 HC 5473MT—Shipping weight 19 lbs..... Set of 2 grills \$22.00

**④ Isolation Spring Set**, Fcc (2) above. Reduces noise level, eliminates transmission of vibrations from unit to building. Use when unit is to be installed on roof, in attic or on floor. Install heaviest spring under condenser-section corner; three lighter springs under other corners. 81 HC 5483T—Ship. wt. 2 lbs. 8 oz..... Set of 4 \$11.50

**⑤ Flush-Mounting Grill Assembly**. For unit (1) above. Required when unit is installed flush with outside wall (see sketch (B)). Assembly is unit extension and baffle arrangement which permits air to enter and exhaust from front of unit. Baffle arrangement eliminates recirculation of discharge air. Instructions included. 81 HC 5655 MT—Mail. Ship. wt. 2 lbs. 8 oz..... \$11.50

**⑥ Filter-Type Return Air Grill and Frame**. Fits in ceiling for use with unit (1) above. Ideal for large room commercial installations requiring no return air duct system. (See (D).) Features fast, easy filter replacement. No tools required. Gold-color hammer-tone grill snaps out easily; tabs prevent filter from tipping forward and spilling contents. Order filter same size as grill. Ship. wts.: 10 1/4 in. 13 lbs. State Size Wanted. 81 HC 5498 MT—25x14-in. Size..... \$9.95. 25x20-in. Size..... \$13.95



B. WARD'S CATALOG

### 5-YEAR GUARANTEE

Hermetically sealed refrigerating unit of (1), (2) guaranteed 5 years; other parts 1 year. Defective parts will be repaired or replaced free within guarantee.

### Customer Engineering Service

A Custom-Designed Heating or Air Conditioning System in 2 Easy Steps.

**First—Obtain Your Free Estimate Blank** at your nearest Ward Catalog Store, or send copy to Wards Catalog Co., to receive our Ward Mail Order House. Check Estimate Blanks you want. Information is requested in simple, non-technical terms—easy to fill in. Complete and return it to Wards.

**Second—Wards Technical Experts Will Estimate All Your Needs** from the information provided on your Estimate Blank. In a few days, the Free cost estimate and the recommendations for your exact needs will be returned to you.

**No Money Down... Up to 3 Years to Pay**

SEE BACK COVER

# AIR CONDITIONING SYSTEM

No Skilled Labor or  
Experience Necessary

## TWO-PIECE CENTRAL UNIT WITH SIMPLIFIED QUICK-CONNECTORS

### "Do-It-Yourself" Connections



**Quick-Connect Couplings** link 24-ft. refrigerant lines quickly and permanently to cooling coil and condenser section. New stainless steel seat makes Suction Line and Liquid Line connections absolutely leakproof in any weather. Extremely easy to install... just screw together.



**Electrical Connection Kit for (7).** Lets you do your own connecting simply and quickly. Includes all necessary parts—circuit conductors and fittings, etc., to connect (A) 24-volt thermostat circuit, (B) 110-V. 60-cycle blower motor circuit, (C) 220-volt condenser circuit up to 100 ft. from house. Complete, illustrated instructions provided. Cable for (B) is plastic-covered and weatherproof... approved by Underwriters Laboratories and most communities for outdoor installation. Price \$10.00. Code to be used: 1000. If a fuse box is installed outside, it is convenient to connect. System can be cut off separately without affecting other house circuits. Wire terminals are tagged and wires are color coded. Shipped from Chicago; pay Frt. from nearest M.O. Hse. For tools, see electrical section in General Catalog.

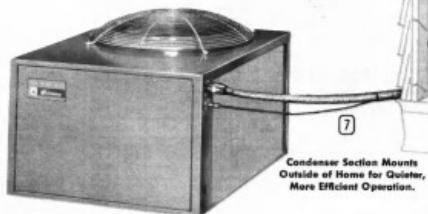
81 HC 5681RT—Ship. wt. 39 lbs. Not Available. \$40.00

### 5-YEAR GUARANTEE

Hermetically sealed refrigerating unit is Guaranteed 5 Years; all other parts are Guaranteed for 1 year. Defective parts will be replaced Free within Guarantee.

### Important Shipping Information

Unless otherwise stated, all items on these two pages are shipped promptly from Chicago, Baltimore, Kansas City or Ft. Worth. Mail Order House Stock.



Condenser Section Mounts  
Outside of Home for Quieter,  
More Efficient Operation.

## Dependable Honeywell Controls Give Exact Cooling Temperatures



**8 Universal Relay.** Use with Self-Contained air conditioners (1) and (2) on opposite page to operate electric blower motor at same time as the evaporator cooling blower.  
81 HCP 8747T—Postpaid... \$16.05

**9 Furnace Filter Flap.** Automatically indicates when filters need replacing. Assures more efficient cooling. Mounts on forced warm air furnace burner cabinet. Can be wired to signal light on sub-base of thermostat. From M.O. stock.  
81 HCP 8719T—Postpaid... \$3.95



**10 Straight Cooling Thermostat** with manual on-off switch. Recommended when cooling system is added to present heating system and present heating thermostat remains. Cooling unit for runs only when compressor is running. Cooling system may be turned on or off by manual switch.  
81 HCP 8715T—For 24 volt, 60-cycle AC. Postpaid..... \$10.40

**11 2-way Cooling Thermostat.** Like (10) but has separate fan and cooling switches. Fan switch has "on-auto" control. When in "auto" position, cooling unit fan cycles with compressor when in "on" position, fan runs continuously. Cooling switch has "auto-off" control. When in "auto" position, cooling system is operated by cooling thermostat.  
81 HCP 8718T—For 24 volt, 60-cycle AC. Postpaid..... \$17.60

**12 Combination Heating and Cooling Thermostat.** For 1-spot control of heating and cooling systems. Replaces old heating thermostat. Fan can also operate for ventilation without heating or cooling system in operation.  
81 HCP 8717T—For 24 volt, 60-cycle AC. Postpaid..... \$18.60



Selected Famous  
Honeywell Controls for  
Your New Airway  
Central Air  
Conditioning System.



**13 Completely Automatic Electric Clock Thermostat.** The ultimate in around-the-clock comfort. For heating and/or cooling systems. Automatically lowers temperature at night; raises it in morning. Saves fuel. With 110/24-V. transformer. Requires 2 wires for clock, 2 for thermostat. 2½x3½x1 in. Shipped promptly from M.O. House.  
81 HCP 8704—For 24-V. or Millivolt sys. Postpaid..... \$44.95

**14 Sub-base for Thermostat** (13). Required where installed on cooling system. Has system switch (Heat-Off-Cool), Fan switch (On-Auto), Signal light for clogged filters.  
81 HCP 8714T—  
Postpaid..... \$9.70

CRADLE WARDS 9